

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/018026

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B25B29/02 B23P11/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B25B F16B B23P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 0080, no. 50 (M-281), 7 March 1984 (1984-03-07) -& JP 58 203214 A (MITSUBISHI JUKOGYO KK), 26 November 1983 (1983-11-26)	1-13, 15-18
Y	abstract; figures 1,2,4	14
Y	FR 902 682 A (SKF SVENSKA KULLAGERFAB AB) 10 September 1945 (1945-09-10)	14
A	figures	12,13
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
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T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the International search

27 October 2004

Date of mailing of the International search report

10/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BUDIG R ET AL: "FLUESSIGES HAELT FEST. FUNKTIONSSICHERHEIT VON DRUCKOELVERBAENDEN BESTIMMT DETAILS" MECHANISCHE VERBINDUNGSTECHNIK, VDI VERLAG. DUSSELDORF, DE, vol. 13, no. 4, 1989, page 21, XP000104366 ISSN: 0720-9886 the whole document	1-18
A	DE 44 43 238 A (HALBERSTADT MASCHBAU) 30 May 1996 (1996-05-30) the whole document	1,6,9,15
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 12, 31 October 1998 (1998-10-31) -& JP 10 184651 A (DAIWA RASHI:KK), 14 July 1998 (1998-07-14) abstract; figures	1,6,9,15

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JP 58203214	A	26-11-1983	NONE		
FR 902682	A	10-09-1945	NONE		
DE 4443238	A	30-05-1996	DE	4443238 A1	30-05-1996
JP 10184651	A	14-07-1998	JP	3172470 B2	04-06-2001